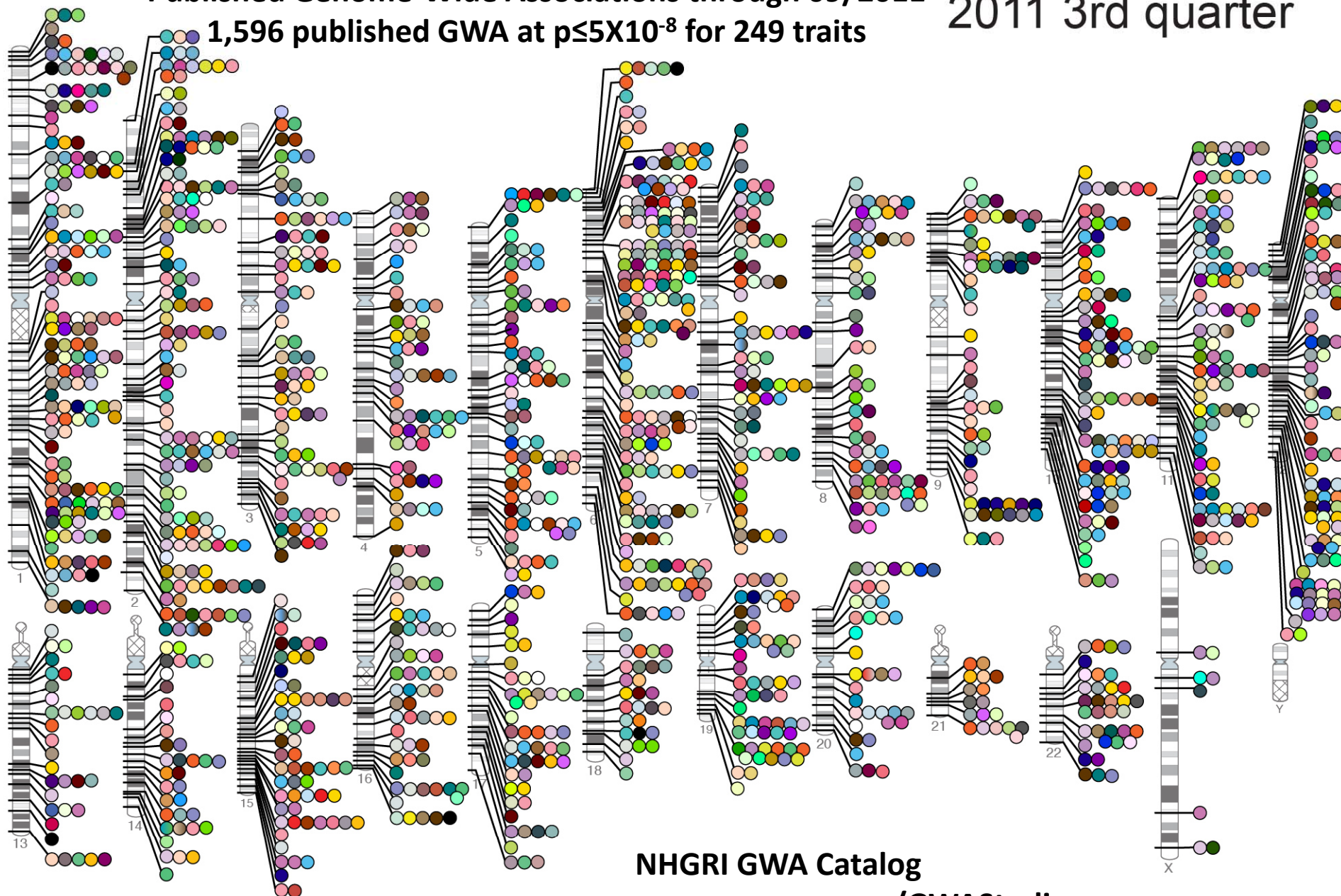


**Published Genome-Wide Associations through 09/2011**

**1,596 published GWA at  $p \leq 5 \times 10^{-8}$  for 249 traits**

**2011 3rd quarter**



**NHGRI GWA Catalog**

**[www.genome.gov/GWASStudies](http://www.genome.gov/GWASStudies)**

Abdominal aortic aneurysm	Coffee consumption	Hepatitis B vaccine response	Neuroblastoma	Response to metformin
Acute lymphoblastic leukemia	Cognitive function	Hepatocellular carcinoma	Nicotine dependence	Response to statin therapy
Adhesion molecules	Conduct disorder	Hirschsprung's disease	Obesity	Restless legs syndrome
Adiponectin levels	Colorectal cancer	HIV-1 control	Open angle glaucoma	Retinal vascular caliber
Age-related macular degeneration	Corneal thickness	Hodgkin's lymphoma	Open personality	Retinol levels
AIDS progression	Coronary disease	Homocysteine levels	Optic disc parameters	Rheumatoid arthritis
Alcohol dependence	Cortical thickness	HPV seropositivity	Osteoarthritis	Ribavirin-induced anemia
Alopecia areata	Creutzfeldt-Jakob disease	Hypospadias	Osteoporosis	Schizophrenia
Alzheimer disease	Crohn's disease	Idiopathic pulmonary fibrosis	Otosclerosis	Serum metabolites
Amyloid A levels	Crohn's disease and celiac disease	IFN-related cytopeni	Other metabolic traits	Skin pigmentation
Amyotrophic lateral sclerosis	Cutaneous nevi	IgA levels	Ovarian cancer	Smoking behavior
Angiotensin-converting enzyme activity	Cystic fibrosis severity	IgE levels	Pancreatic cancer	Speech perception
Ankylosing spondylitis	Dermatitis	Inflammatory bowel disease	Pain	Sphingolipid levels
Arterial stiffness	DHEA-s levels	Insulin-like growth factors	Paget's disease	Statin-induced myopathy
Asparagus anosmia	Diabetic retinopathy	Intracranial aneurysm	Panic disorder	Stevens-Johnson syndrome
Asthma	Dilated cardiomyopathy	Iris color	Parkinson's disease	Stroke
Atherosclerosis in HIV	Drug-induced liver injury	Iron status markers	Periodontitis	Sudden cardiac arrest
Atrial fibrillation	Drug-induced liver injury (amoxicillin-clavulanate)	Ischemic stroke	Peripheral arterial disease	Suicide attempts
Attention deficit hyperactivity disorder	Endometrial cancer	Juvenile idiopathic arthritis	Personality dimensions	Systemic lupus erythematosus
Autism	Endometriosis	Keloid	Phosphatidylcholine levels	Systemic sclerosis
Basal cell cancer	Eosinophil count	Kidney stones	Phosphorus levels	T-tau levels
Behcet's disease	Eosinophilic esophagitis	LDL cholesterol	Photoc sneeze	Tau AB1-42 levels
Bipolar disorder	Epirubicin-induced leukopenia	Leprosy	Phytosterol levels	Telomere length
Biliary atresia	Erectile dysfunction and prostate cancer treatment	Leptin receptor levels	Platelet count	Testicular germ cell tumor
Bilirubin	Erythrocyte parameters	Liver enzymes	Polycystic ovary syndrome	Thyroid cancer
Bitter taste response	Esophageal cancer	Longevity	Primary biliary cirrhosis	Thyroid volume
Birth weight	Essential tremor	LP (a) levels	Primary sclerosing cholangitis	Tooth development
Bladder cancer	Exfoliation glaucoma	LpPLA(2) activity and mass	PR interval	Total cholesterol
Bleomycin sensitivity	Eye color traits	Lung cancer	Progranulin levels	Triglycerides
Blond or brown hair	F cell distribution	Magnesium levels	Progressive supranuclear palsy	Tuberculosis
Blood pressure	Fibrinogen levels	Major mood disorders	Prostate cancer	Type 1 diabetes
Blue or green eyes	Folate pathway vitamins	Malaria	Protein levels	Type 2 diabetes
BMI, waist circumference	Follicular lymphoma	Male pattern baldness	PSA levels	Ulcerative colitis
Bone density	Fuch's corneal dystrophy	Mammographic density	Psoriasis	Urate
Breast cancer	Freckles and burning	Matrix metalloproteinase levels	Psoriatic arthritis	Urinary albumin excretion
Butyrylcholinesterase levels	Gallstones	MCP-1	Pulmonary funct. COPD	Urinary metabolites
C-reactive protein	Gastric cancer	Melanoma	QRS interval	Uterine fibroids
Calcium levels	Glioma	Menarche & menopause	QT interval	Venous thromboembolism
Cardiac structure/function	Glycemic traits	Meningioma	Quantitative traits	Ventricular conduction
Cardiovascular risk factors	Graves disease	Meningococcal disease	Recombination rate	VEGF levels
Carnitine levels	Hair color	Metabolic syndrome	Red vs.non-red hair	Vertical cup-disc ratio
Carotenoid/tocopherol levels	Hair morphology	Migraine	Refractive error	Vitamin B12 levels
Carotid atherosclerosis	Handedness in dyslexia	Moyamoya disease	Renal cell carcinoma	Vitamin D insufficiency
Celiac disease	HDL cholesterol	Multiple sclerosis	Renal function	Vitamin E levels
Celiac disease and rheumatoid arthritis	Heart failure	Myeloproliferative neoplasms	Response to antidepressants	Vitiligo
Cerebral atrophy measures	Heart rate	Myopia (pathological)	Response to antipsychotic therapy	Warfarin dose
Chronic lymphocytic leukemia	Height	N-glycan levels	Response to carbamazepine	Weight
Chronic myeloid leukemia	Hemostasis parameters	Narcolepsy	Response to clopidogrel therapy	White cell count
Cleft lip/palate	Hepatic steatosis	Nasopharyngeal cancer	Response to hepatitis C treat	White matter hyperintensity
	Hepatitis	Natriuretic peptide levels	Response to interferon beta therapy	YKL-40 levels